

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
10 March 2005 (10.03.2005)

PCT

(10) International Publication Number
WO 2005/022842 A1

(51) International Patent Classification⁷: **H04L 12/56**,
H04Q 11/00

(21) International Application Number:
PCT/EP2004/051824

(22) International Filing Date: 18 August 2004 (18.08.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
03019475.7 28 August 2003 (28.08.2003) EP

(71) Applicant (for all designated States except US):
SIEMENS AKTIENGESELLSCHAFT [DE/DE];
Wittelsbacherplatz 2, 80333 München (DE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **DE VEGA RO-
DRIGO, Miguel** [ES/BE]; Av. Lambeau 59, B-1200
Woluwe St. Lambert (BE). **PLEICH, Robert** [AT/DE];
Therese-Giehse-Allee 94, 81739 München (DE).

(74) Common Representative: **SIEMENS AKTIENGE-
SELLSCHAFT**; Postfach 22 16 34, 80506 München
(DE).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

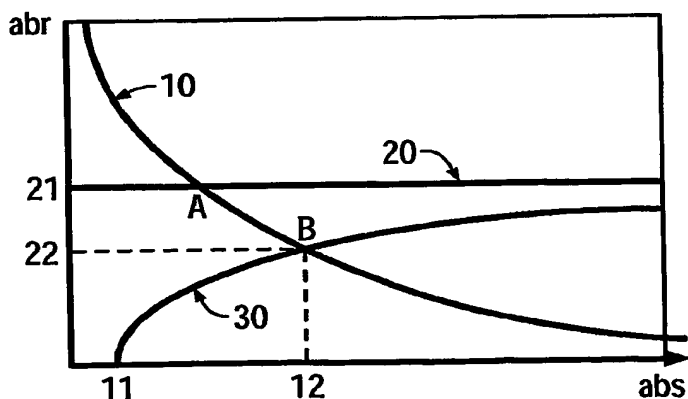
(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,
SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: A METHOD FOR TRANSMISSION OF DATA PACKETS THROUGH A NETWORK



(57) Abstract: The data packets with a maximum
allowable delay (mad) and an average packet rate
(apr) are aggregated in a node of the network to a
burst and the burst is transmitted with a number of
packets. The number of packets per burst (ppb) is
determined by the result of plus/minus twenty per-
cent of the sum of the value one plus a product of
the maximum allowable delay (mad), the average
packet rate (apr) and the value two.

WO 2005/022842 A1